

We claim:

1. A control pedal assembly moveable toward and away from a vehicle operator, comprising:

a mounting bracket;

at least one pedal arm;

a pedal carriage to which the pedal arm is pivotally attached;

an extender mechanism connected to the mounting bracket and including:

at least one extender rod having a threaded portion and a portion engaged to a first driven gear, the threaded portion of the extender rod engaging a complementary threaded bore in a bushing attached to the pedal carriage, the extender rod being substantially prevented from lateral movement;

a control rod having a threaded portion and a portion to engage a second driven gear, the threaded portion of the control rod engaging a complementary threaded bore in a bushing attached to the pedal arm, the portion engaging the second driven gear being laterally movable through the second driven gear and the end distal the threaded portion actuating a mechanism to be controlled; and

a driving gear engaging the first and second driven gears such that, when the driving gear is rotated in a first direction by a driving means, the pedal carriage is moved toward the mounting bracket and when the driving gear is rotated in a second direction by a driving means, the pedal carriage is moved away from the mounting bracket.

2. The control pedal assembly of claim 1 wherein said extender mechanism includes two extender rods and the pedal carriage includes two bushings, each bushing having a threaded bore and engaging a different one of the two extender rods.

3. The control pedal assembly of claim 1 wherein the pedal carriage includes two pedal arms that are pivotally attached to the pedal carriage and the extender mechanism includes a control rod for each pedal arm, each control rod engaging the threaded bore of a bushing in a respective control arm and each control rod having a respective driven gear.

4. The control pedal assembly of claim 1 wherein the driving means is a DC motor.
5. The control pedal assembly of claim 1 wherein the driving means gear is a cable drive driven by a DC motor.